

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended) Apparatus for treating age-related macular degeneration, the apparatus ~~consisting essentially of~~ comprising a therapeutic laser light source which, in operation, enables a non-thermal therapeutic light beam to be emitted in a manner similar to light sources used in the context of dynamic phototherapy, the therapeutic light source being an optical unit having an optical observation axis enabling a practitioner to observe an eye to be treated, and light deflecting means for propagating the non-thermal therapeutic light beam emitted by the therapeutic laser light source on the same optical axis as the optical observation axis of the optical unit, wherein said laser light source is an emitter that emits a therapeutic laser light beam presenting an emission wavelength lying ~~only~~ in the range 1.26 μm to 1.27 μm and having a power in the range of 1mW to 1W, thereby generating intracellular singlet oxygen directly and in sufficient quantity to occlude abnormal retinal vessels.

Claim 2 (Previously Presented) Apparatus according to claim 1, wherein the power of the therapeutic light beam is in the range 10 mW to 1 W.

Claim 3 (Cancelled)

Claim 4 (Previously Presented) Apparatus according to claim 1, wherein the laser light source comprises an optical fiber Raman laser.

Claim 5 (Original) Apparatus according to claim 4, wherein the optical fiber Raman laser comprises a pump laser diode, an ytterbium-doped optical fiber laser, and a Raman converter serving to transpose the wavelength of the beam coming from the ytterbium-doped optical fiber laser.

Claim 6 (Currently Amended) A method of treating age-related macular degeneration ~~without not~~ using an external photosensitizer, the method ~~consisting essentially in~~ comprising selecting a laser light source that enables a non-thermal therapeutic laser light beam to be emitted in a manner similar to laser light sources used ~~in the context of~~ for dynamic phototherapy, said light source being designed to emit a therapeutic laser light beam, ~~which passes through the cornea and the crystalline lens of the eye~~ using an optical unit having an optical observation axis enabling a practitioner to observe an eye being treated, deflecting the non-thermal therapeutic light beam emitted by the therapeutic laser light source so as to coincide with the optical axis as the optical observation axis of the optical unit, presenting an emission wavelength lying in the range 1.26 μm to 1.27 μm at a power in the range of 1mW to 1W and illuminating the macula of the patient with said laser light beam, ~~so as to generate in the retina intracellular singlet oxygen directly and in sufficient quantity to occlude abnormal retinal vessels.~~

Claim 7 (Previously Presented) The method according to claim 6, wherein the power of the therapeutic light beam is in the range of 10mW to 1 W.

Claim 8 (Cancelled)

Claim 9 (Previously Presented) A method according to claim 6, wherein the laser light source comprises an optical fiber Raman laser.

Claim 10 (Original) A method according to claim 9, wherein the optical fiber Raman laser comprises a pump laser diode, an ytterbium-doped optical fiber laser, and a Raman converter serving to transpose the wavelength of the beam coming from the ytterbium-doped optical fiber laser.

11. (Currently Amended) Apparatus for treating age-related macular degeneration, the apparatus ~~consisting essentially of~~ comprising a therapeutic laser light source which, in operation, enables a non-thermal therapeutic light beam to be emitted in a manner similar to light sources used in the context of dynamic phototherapy, the therapeutic light source being an optical unit having an optical observation axis enabling a practitioner to observe an eye to be treated, and light deflecting means for propagating the non-thermal therapeutic light beam emitted by the therapeutic laser light source on the same optical axis as the optical observation axis of the optical unit, wherein said laser light source is an emitter that emits a therapeutic laser light beam presenting an emission wavelength lying only in the range 1.26 μm to 1.27 μm and having a power in the range of 10mW to 1W, thereby generating intracellular singlet oxygen directly and in sufficient quantity to occlude abnormal retinal vessels.

12. (Previously Presented) Apparatus according to claim 11, wherein the laser light source comprises an optical fiber Raman laser.

13. (Previously Presented) Apparatus according to claim 12, wherein the optical fiber Raman laser comprises a pump laser diode, an ytterbium-doped optical fiber laser, and a Raman converter serving to transpose the wavelength of the beam coming from the ytterbium-doped optical fiber laser.

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)